-		
1	A	$\sim$
TXP	cise	Q
L 7 C	CIVE.	~

1. SELECT DISTINCT depoirtment FROM students;

De	pointment	
	17	
	HR	
F	hance	

2. SELECT department,

AVG (age) AS ang-age

FROM students

GROUP BY department;

department	Avg-eige
1	20.5
HR	22.0
Finance	23.0

3. SELECT depoirtment, COUNT (\*) AS student-count FROM students
GROUP BY depoirtment

depoirtment	Student-count
IT	2
HR	, a & , b, , , , , ,

HAVING COUNT (+) > 1

4. SELECT student\_id, name, age, depositment
FROM students
WHERE age BETWEEN 21 AND 23

Studentid	name	cicio	department
a	Bob	20	HR
3	Charlie	21	IT
4	Diano	23	Finance
5	Eve	22	HP

5. SELECT student\_id,

age,

FROM students

WHERE (depositments IN ('IT, 'HR')) AND age > 21;

Student-id.	name	cid e.	department
2	Bob	- 22	HR
5 .	Eve	3 <b>8</b>	HR

6. SELECT department,
SUM (credits) AS total-credits

FROM courses

GROUP BY department

HAVING SUM (credits) > 5

departments	Total-credits
1T	. 11

7. SELECT course\_id, course\_name, department, credits

FROM causes,

WHERE credit <>4

			, 13		
	Course_id	Cause-name	department	eredits	
-	Course _ ra	SQL Basics	IT	3	
	101	Excel	Finance	2	
	104	Statistics	HR	3	
	105	SIGUISTICS			

8. SELECT course\_id,

course -name,

ciedits

FROM courses

ORDER BY credits DESC

LIMIT 3;

1			
	Cause - id	Cause-name	Credits
	102	Puthon	4
		Data Science	4
	103	SQL Basics	3

MIN (grade) As max-grade,

AVG (grade) As avg-grade,

FROM enrollments

Max-grade	Min-grade	Avg-grade
el o	78	84.6

10. SELECT eouise-id, COUNT (\*) AS enrollment-ecunt

FROM enrollments

GROUP BY course-id

Course id	Enrollment_count
101	1
102	1
103	1
104	1
105	1

SELECT depositment,

SUM (salary) AS total-salary,

SUM (bonus) AS total-bonus

FROM salaries

GROUP BY department

department	Tetal_salary	Tetal-bonus
IT	(29 <b>oc</b> o	10500
HR	169 000	7 500
Finance	70,000	6 000

12 SELECT department

AVG(salary) AS avg-salary FROM solaries

GROUP BY department HAVING AVG (salary) >55000

department	ava - salary	
IT	61 000	
Finance	70 000	
A Section of the Sect		

13. SELECT employee\_id, name, salary, bonus, (salary + bonus) As total\_compensation

FROM solaries

WHERE (salary + lonus) > 60 000

Emplayee_id	ndme	salary	bonus	Total-compensation	
Linglage	Tom	60 000	5 <b>c</b> co	65 600	
1	Spike	70 000	6 000	76 000	
3	T I	•	5 500	67 500	
4	lyke	Tyke 62000			

SELECT department,

SUM (bidget) As total-bidget,
ANG (bidget) As avg-bidget

FROM projects

GROUP BY department

HAVING AVG (bidget) > 70000

department	total-bidget	Avg-budget
IT	270 000	135 600
Finance	80 DCO	2.0 900

SELECT project-id, project-name, department, budget
FROM projects
WHERE budget BETHEEN 50000 AND 120000
AND department <> 'Marketing',

Project-id	Project_name	department	budget
1	Al App	17 200	120,000
g	Payroll System	Finance	80 000
5	HD Portal	HR	50 000